HIGHLY AVAILABLE, MONOTONIC INCREASING SEQUENCE NUMBER GENERATION

ABSTRACT OF THE DISCLOSURE

The present invention relates to highly available sequence number generation with

5   minimal latency. The present invention involves establishing a primary and secondary

sequence number generators. A sequence number request is forwarded to the primary

generator. The primary generator determines the next sequence number and forwards the

response to the secondary generator. The secondary generator stores the value and forwards

the value to the originating entity. Accordingly, the configuration avoids single point failure

10   and is robust against malfunction.